



Report of Materials and Equipment Acceptance Division

NYC Department of Buildings
280 Broadway, New York, NY 10007
Patricia Lancaster, FAIA, Commissioner
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Pursuant to Administrative Code Section 27-131, the following equipment or material has been found acceptable for use subject to the terms and conditions contained herein.

MEA 324-05-E Vol. 2

Manufacturer: Lochinvar Corporation, 300 Maddox Simpson Parkway, Lebanon, Tennessee 37090

Trade Name(s): Armor

Product: Gas-fired water heater

Pertinent Code Section(s): 27-800, 27-826, RS 16 (P107.26), RS 14-2 (ANSI Z223.1)

Prescribed Test(s): RS 14-6 (ANSI Z21.10.3)

Laboratory: CSA International

Test Report(s): CSA #189136-1888756, dated March 15, 2007.

Description: Gas-fired water heater, AWN series, designed for indoor installation. Unit is comprised of stainless steel heat exchanger, stainless steel burner with woven steel mesh, hot surface ignition system comprising of a flame sensor, igniter, ignition module and combination gas valves with built-in pressure regulator and ASME-relief valve. Units are provided with hot water thermostat to limit pool water to 200° Fahrenheit, maximum. Units, with model numbers and input heating rates, are listed below:

Model No.	Input Heating Rate (Btu/Hr)
AWN150	150,000
AWN199	200,000
AWN285	285,000
AWN399	399,999
AWN500	500,000

Terms and Conditions: The above-described water heaters are accepted under the following conditions:

1. Units shall be fired by natural gas only.
2. Units may be installed on combustible flooring. Minimum installed clearances from combustible construction shall be as follows: top – 12 inches, front – 18 inches alcove, 6 inches closet, flue connection – 1 inch, back of unit – 14 inches, left side – 12 inches, and right side – 0.
3. Units are for residential use and shall be installed indoors only.
4. Units shall not be installed in any enclosed space with a volume of less than 100 cubic feet.
5. Approval of all electrical equipment apparatus, materials and devices shall be obtained from the Department's Electrical Advisory Board before installation.
6. Units shall be used in compliance with the Energy Conservation Construction Code of New York State.
7. All shipments and deliveries of such equipment shall be provided with a metal tag, suitably placed, certifying that the equipment shipped or delivered is equivalent to that tested and accepted for use, as provided in Section 27-131 of the New York City Building Code.

NOTE: In accordance with Section 27-131(d), all materials tested and accepted for use shall be subject to periodic retesting as determined by the Commissioner; and any material which upon retesting is found not to comply with Code requirements or the requirements set forth in the approval of the Commissioner shall cease to be acceptable for the use intended. During the period for such retesting, the Commissioner may require the use of such material to be restricted or discontinued if necessary to secure safety.

Final Acceptance October 26, 2007

Examined BY Simon Derkshidam